

Samsung Knack™

**P O R T A B L E A l l D i g i t a l
M O B I L E P H O N E**

User Manual

**Please read this manual before operating your
phone, and keep it for future reference.**



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Section 1: Getting Started

Understanding this User Manual

The chapters of this manual generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features is located at the end of this user manual.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the manual, beginning on page 106.

Notes and Tips

Throughout this manual are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Explain alternative options within the current feature, menu, or sub-menu.
- **Tips:** Provide quick or innovative methods for performing functions related to the subject at hand.

- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

This section allows you to start using your phone after activating your service, setting up your voicemail, contacting customer support, or getting an understanding of how this manual is put together.




Using the Battery

Note: This phone comes packaged with a partially charged rechargeable standard Li-ion battery and wall charger.

You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

Important!: Although the phone can be used while the battery is charging, the battery must be fully charged before first use, otherwise you could damage the battery.


Battery Indicator

The battery indicator  in the upper-right corner of the display indicates battery power level. Four bars indicate a full charge, while an empty icon  indicates an almost empty battery. Two to three minutes before the battery becomes too low to operate, a blinking empty battery icon  appears and a tone sounds. A “**BATTERY LOW**” notification will appear on the display. If you continue to operate the phone without charging, it shuts down.

Using A Non-Supported Battery

Samsung handsets do not support the use of a non-supported battery.

When using a non-supported battery you will hear a series of beeps and you will see a warning message that indicates “**NON-SUPPORTED BATTERY. SEE USER MANUAL**” If you receive this warning, battery charging has been disabled.

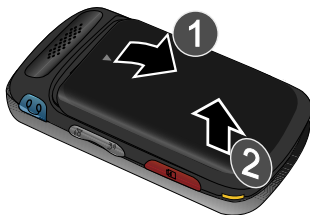
Samsung charging accessories (i.e. wall charger, and cigarette lighter adapter) will only charge a Samsung approved battery. To continue use of your handset press .

Note: When using a non-supported battery the handset can only be used for the duration of the life of the battery and cannot be recharged.

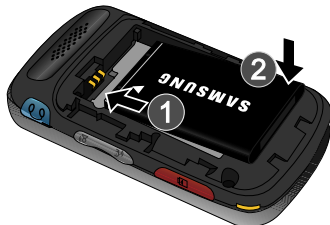
Important!: Using a non-supported battery may cause damage to your phone. Use a Samsung supported battery only.

Installing the Battery

1. Press down, and slide the battery cover back and lift up to remove.



2. Insert the top end of the battery into the phone housing using the directional arrow printed on the battery. The gold contacts at the battery end must align with contacts on the phone. Push bottom end of the battery down until it snaps into place.

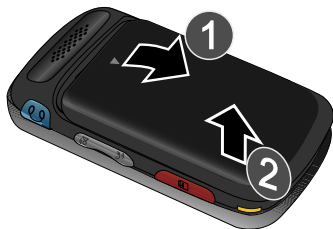


3. Slide the battery cover up until it snaps into place.

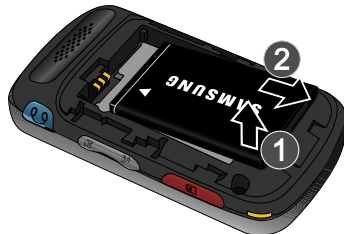


Removing the Battery

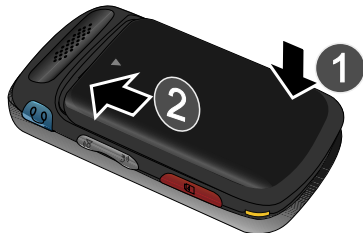
1. Press down, and slide the battery cover back and lift up to remove.



2. Lift the battery from the bottom end and remove.



3. Slide the battery cover up until it snaps into place.



Charging the Battery

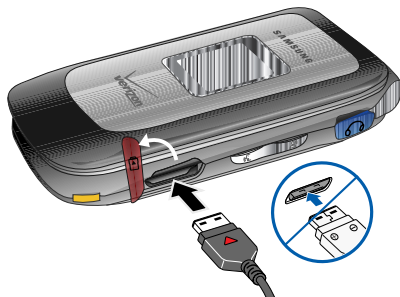
Your phone is powered by a rechargeable standard Li-ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Note: The phone can be used while charging but will charge faster when powered off.

Wall Charger

The wall charger is a convenient, light-weight charger that rapidly charges your phone from any 120/ 220 VAC outlet.

1. Pull the connector cover out and turn to expose the connector. Insert the wall charger adapter end, with the arrow up, into the connector at the bottom of the phone.



2. Plug the wall charger into a standard AC wall outlet.

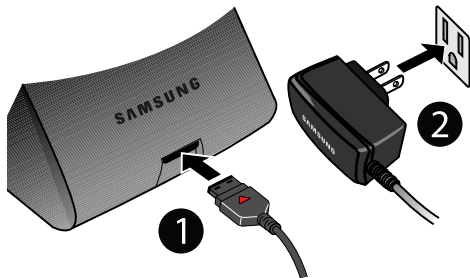
When the phone is completely charged (the battery icon becomes still), unplug the charger from the power outlet. Remove the adapter end from the connector and replace the connector cover.

Cradle Charger

The cradle charger is a convenient charger that rapidly charges your phone from any 120/ 220 VAC outlet.

Note: The cradle charger must be connected to a 120/220 VAC outlet to charge the phone.

1. Insert the wall charger adapter end, with the arrow up, into the connector at the rear side of the cradle charger.



2. Plug the wall charger into a standard AC wall outlet.




3. Insert the phone into the cradle charger until it seats at the bottom contacts.

4. When the phone is completely charged (the battery icon becomes still), unplug the charger from the power outlet and remove the phone from the cradle charger.

Turning Your Phone On and Off


Turning Your Phone On

1. Open the flip, then press and hold  until phone turns on.


Note: As with any other radio-transmitting device, do not touch the internal antenna as it affects call quality and may cause the phone to operate at a higher power level than is necessary. The internal antenna is located along

the bottom on the back side of your phone.

2. Once the phone finds a signal, the time, day, and date appear in the display.
 3. You're now ready to place and receive calls.
-

Note: If the phone is outside the Verizon Wireless coverage area the roaming icon  appears in the top of the display.

Turning Your Phone Off

Press  for two or more seconds. Your phone powers off.


Setting Up Voicemail*


Voicemail allows callers to leave voice messages.

Note: Once your voicemail account has been set up, use the voicemail selection 1 (under the Messaging menu) to view details of voice messages in your voicemail box.

Voicemail Setup

1. Press and hold  or     from your phone or dial your wireless phone number from any touch-tone phone.

2. When the recorded announcement begins, press  to interrupt (if applicable). An easy-to-follow setup tutorial will begin. Follow the instructions to set up your new password and record a greeting.

2. You are then prompted to enter your password followed by  key. Follow recorded prompts to listen to messages, change administrative options, etc.

Note: *Airtime and long distance charges apply. IN Calling minutes do not apply to Voicemail setup or retrievals.

Listening to Voicemail

1. Press and hold  or press



Section 2: Understanding Your Phone

This section outlines key features of your phone as well as screens and icons that display when the phone is in use.

Features of Your Phone

- Digital (CDMA, PCS) 1x Technology
- Global Positioning (GPS) Technology
- Personal Organizer (Calculator, Calendar, Alarm Clock, Stop Watch and World Clock)
- TXT Messaging
- Advanced Speech Recognition
- Dedicated Hot Keys: 911, In Case of Emergency, Speakerphone, Voice Commands and Voicemail.

Closed View of Your Phone

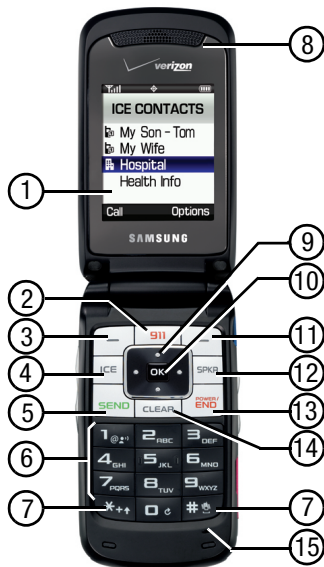


Features (Closed view)

- 1. Speaker:** (located at back of phone). Ringtones and sounds are played through the speaker.
- 2. Hand Strap Holder:** Allows you to attach a hand strap for carrying the phone. (Hand strap not included.)
- 3. Volume Key:** Allows you to adjust the master volume or adjust the voice volume during a call. To mute the ringer during an incoming call, press the volume key up or down. Also press and hold the key, to activate Sound Off mode/Normal mode.
- 4. External LCD:** External LCD shows signal strength, battery strength and time. It also displays incoming calls or messages.
- 5. Headset Jack:** Allows you to plug in an optional headset for safe, convenient conversations.
- 6. Voicemail Key:** Press and hold to call Voicemail. When flip is closed, press and hold to activate backlight. When flip is closed and backlight is on, press and hold to call Voicemail (headset must be connected).

7. **Voice Commands Key:** Press and hold to activate Voice Commands. When flip is closed, press and hold to activate backlight. When flip is closed and backlight is on, press and hold to activate Voice Commands (headset must be connected).
8. **Power/Accessory Connector:** Connect charging accessories.

Open View of Your Phone



Features

1. **Internal LCD:** Displays all the information needed to operate your phone.
2. **911 Key:** Press this key to quickly call 911.
3. **Left Soft Key:** This key is used to navigate through menus and applications by selecting the choice indicated on the lower left area of the display screen.
4. **ICE (In Case of Emergency) Key:** Press to open the emergency contacts menu screen.

5. **Send Key:** Allows you to place or receive a call. From the home screen, press the key once to access the recent call log.
6. **Alphanumeric Keypad:** Use these keys to enter numbers, letters and characters.
7. **Special Function Keys:** Enter special characters. Perform various functions.
8. **Earpiece:** The earpiece allows you to hear the other caller.
9. **Navigation Key:** This key allow you to scroll through the phone menu options.
10. **OK Key:** Pressing when navigating through a menu accepts the highlighted choice in a menu, or performs an action in an application.
11. **Right Soft Key:** This key is used to navigate through menus and applications by selecting the choice indicated on the lower right area of the display screen.
12. **Speakerphone Key:** Press to turn the speakerphone On/Off.



13. End/Power Key: Ends a call. Press and hold the END key, to power On or Off. When you receive an incoming call, press to send the call directly to voicemail.

14. Clear Key: Deletes characters from the display when you are in text entry mode. Press to return to the previous menu or screen when navigating features.

15. Microphone: The Microphone allows the other caller to hear you clearly when you are speaking to them


Command Keys

Functions for the soft keys are defined by what appears above each in the

display. There are two soft keys, the left soft key  and the right soft key .



Left Soft Key

Some functions of the left soft key are as follows.



- Press the **Menu** (left) soft key  to open the list of menus.
- In other menus, some of the left soft key functions are: **View**, **Set**, **Save** and **Select**.
- In the Messaging menu, some of the left soft key functions are: **Edit**, **Next** and **Send**.



Right Soft Key



Some functions of the right soft key are as follows.

- Press the **Contacts** (right) soft key  to open your Contacts list.
- When the right soft key function is **Options**, press the **Options** (right) soft key  to view more options for the current menu.


Clear Key





The **CLEAR** key  is used to erase or clear numbers, text, or symbols from the display. You can also use  to return to a previous menu or to return to the home screen from any menu.

- If you enter an incorrect character, briefly press  to backspace (and delete) the character.
- To erase the previous word in a sentence, press and hold .


- To back up one menu level, briefly press .
- Press and hold  to return to the home screen.







End Key

The **End** key  is used to end a call, to turn your phone on/off, to return to the home screen from any menu or cancel the last input.

- Press and hold the **End** key  to turn your phone on or off.
- Press  to disconnect a call.
- Press  to return to the home screen from any menu, or to cancel the last input.
- Press  to send an incoming call directly to Voicemail.

Send Key


The **Send** key  is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.


- Press  to answer calls.
- Enter a number and press  to make a call.
- Press  from the home screen to display a list of all calls to and from your phone.
- Press  twice from the home screen to call the most recently dialed, received, or missed number.
- Press  to pick up a waiting call. Press  again to switch back to the other call.


Navigation Key

Use the Navigation key (up, down, left, right) to browse menus, sub-menus and lists. Each key also acts as a shortcut to launch applications.


Speakerphone Key




With the flip open, press and hold the **Speakerphone** key  (located under the right soft key) to switch from using the earpiece to the speakerphone before or during a call. Use the volume keys (located on the left side of your phone) to adjust the volume.

- Press the **Speakerphone** key  to enable and disable the speakerphone option.


- After answering a call, press the **Speakerphone** key .
- After the call has ended the speakerphone function turns off automatically.

911 Key

The **911** key  is used to make an emergency call to 911.

- Press . The prompt “**CALL 911?**” displays, press the left soft key  **Yes** or the right soft key  **No**, to cancel.

ICE Key

The **ICE** key  opens the **In Case of Emergency** menu screen displaying your list of emergency contacts.

Understanding the Display Screen

The top line of your phone's display contain icons that indicate network status, battery power, signal strength, connection type and more. The



mid-level icons display missed calls, new messages and voicemail icons. The bottom area of the home screen shows icons that indicate feature and function status.

The following list contains icons that may appear in your display.

Top Display icons



Signal strength: Appears when your phone is on and indicates the current signal strength. More bars indicate a stronger signal.



Roaming: Your phone is outside your home area. While roaming, another wireless provider may be handling your call. The service rate for the call may be higher than those made from within your home area. Please refer to Verizon Wireless for roaming rates.



No service: Your phone cannot find a signal because you're outside a service area. You cannot make or receive calls. Wait for a signal or move to an open area to find a signal. This indicator always appears when you first turn on your phone and disappears once service is located.



Voice Call: Indicates a call in progress.



E911: Indicates Global Positioning Service (GPS) for 911 is set to On for emergency calls only.



Battery Level: More bars indicate a greater charge. When the battery is low, an empty battery icon flashes and the phone sounds an alert, which indicates your phone is about to shut down.



TTY: Indicates that TTY is enabled.

Mid-Level Display Icons



Missed Calls: Your phone displays this icon when calls are missed.



New Msgs: You've received a new text, page or web alert message. You're also notified of a new message by animations and sound.



Voicemail: You've received a voicemail message. You have one or more unread voicemail messages in your voicemail box. (Only applicable on the Verizon Wireless Network.)

Bottom Display Icons



All Sounds Off: The ringer is silenced for all alerts, incoming calls, and incoming messages.



Alarm Only: Your phone will only ring when the set alarm sounds.



Vibrate Only: Your phone vibrates upon receiving a call.



Speakerphone: Your phone switches to speakerphone instead of earpiece.



Calendar Appt: Your phone displays this icon when you have a calendar appointment scheduled.



Alarm On: Indicates that your phone has a set alarm.

Dialogue boxes


Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory and are listed below.

- **Choice** -Example: "SAVE MESSAGE?"
- **Reconfirm** -Example: "ERASE ALL MESSAGES?"
- **Performing** -Example: "SENDING..."
"CONNECTING..."
- **Completed** -Example: "MESSAGE SENT"
- **Information** -Example: "NEW MESSAGE"
- **Error** -Example: "SYSTEM ERROR!"
- **Warning** -Example: "BATTERY LOW,"
"MEMORY FULL!"

Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

Making a Call



1. From the home screen, enter the phone number to call using the numeric keypad and press .



Answering a Call

You can answer calls with either the flip open or closed.

To answer a call when the flip is in the closed position; open the flip. The call will be automatically answered.

Note: For calls to be automatically answered when opening the flip, the “**Flip Open**” option must be checked. For more information, see “*Answer Options*” on page 89.




To answer a call when the flip is already in the open position; press  or the left soft key  **Answer** to answer the call.

Press  or the right soft key  **Ignore** to send the call to voicemail.

Press the volume key, located on the left side of the phone, to silence the ringer.

Answering Call-Waiting Calls

When you receive a call while on a call:




- Press  to answer the new call.
- When you press  and answer the incoming call, the original caller is placed on hold.
- Press the  key again to return to your original call.


Call In-Progress Options

Access numerous menus and features even while in a call.

Note: If the call is disconnected while accessing the Call-In Progress Options, the options disappear from the display and the phone

eventually returns to the home screen.

1. While in a call, press the right soft key  **Options**. The following menu items appear in the display.
 - **Contact List:** Opens Contact list to view your contacts.
 - **Recent Calls:** Displays recent incoming, missed and outgoing calls.
 - **Phone Info:** Displays the phone information menu.
 - **Main Menu:** Displays the Main menu.
2. Press the  Navigation key to highlight a menu. Press  to open the highlighted menu or to activate the feature.






3. Press the left soft key  **Mute/Unmute** to mute the call. Press again to unmute the call.

Recent Calls

When you place, miss, or receive a call, a record of the call is saved in Recent Calls, which is a listing of the different types of calls you can either receive or make. These types of calls are:




- **Missed Calls:** Displays any missed calls.
- **Dialed Calls:** Displays all outgoing calls made from your phone.
- **Answered Calls:** Displays any received calls that were answered.
- **All Calls:** Displays all missed, dialed and answered calls made from your phone.

- **Call Timers:** Displays amount of time for: Last Call, All Calls, Answered Calls, Dialed Calls, Roaming Calls, Last Reset and Lifetime Calls.


1. Press the left soft key  **Menu** and press  **Recent Calls**.
2. Press the  Navigation key up or down to highlight the call type that you want to view and press .
3. Press the  Navigation key up or down to view the call.

Viewing Recent Call History


Recent Calls retains information such as the duration, date and time, and whether the call was received, dialed, or missed.

1. From the home screen, press the  key.
2. Press the  Navigation key down to highlight the desired number.
3. Once the desired number is highlighted, press the left soft key  **View**.
4. The following call information appear in the display:
 - **Call Type:** The title bar displays if the call is a missed, dialed, or answered.
 - **Name:** If the caller is in your Contacts list, their name is listed here as well as the appropriate icon to indicate Mobile 1, Mobile 2, Home or Work. This option only

appears if the caller is in your Contacts list. If the caller is not in your Contacts list, No Name appears.

- **Number:** Displays the telephone number.
 - **Time:** The time of the call.
 - **Date:** The date of the call.
 - **Duration:** The duration of the calls made or received.
5. Press the left soft key  **Save**, to **Add New Contact** or **Update Existing** contact information.

Note: If **Save** doesn't appear, that entry is already in your Contacts list.

6. Press the right soft key  **Message** to send a text message to the viewed number.

Call History Icons

When you view Recent Calls, an icon to the left of the number indicates the type of call.



Indicates a Missed call





Indicates a Dialed call






Indicates a Answered call




Making Calls Using Call History














1. From the home screen, press .



Press the  Navigation key up or down until the desired number is highlighted.

2. Press  to call the highlighted number. Or, you can press the left soft key  **VIEW**, then press  to call the highlighted number.

Creating or Updating Contacts Using Call History








1. From the home screen, press  then press the  Navigation key up or down until the desired number is highlighted. Press the right soft key  **Options**. If the number has not been saved as a contact, **Save to contacts** is

- highlighted. Press .
2. Press the  Navigation key up or down to highlight **New Contact** or **Update Existing**. Press .
 3. If you selected **New Contact**, the following types are available.
 -  **Mobile 1**
 -  **Mobile 2**
 -  **Home**
 -  **Work**
 4. If you selected **Update Existing**, proceed to step 10.
 5. Press the  Navigation key up or down to highlight the desired entry type (**Mobile 1**, **Mobile 2**, **Home** or **Work**) then press .
 6. Enter a name for the entry using the keypad. Press the right soft key  **Options** if you wish to select a different method of text entry, such as; Word, Abc, ABC, 123 or Symbols.
 7. To assign a **Speed Dial** location, press the  Navigation key up or down to highlight the number you would like to assign to a **Speed Dial** location and press the right soft key  **Options**. Highlight **Set Speed Dial** and press .








8. Highlight an unassigned location and press the left soft key  **Set**. A confirmation message appears in the display, press the left soft key  **Yes** to add the contact to the speed dial location.

Note: Voicemail is assigned to Speed Dial location 1.





Note: You can assign a speed dial location to each number associated with the contact (Mobile 1, Home, Work, Mobile 2).

9. When you're finished entering information for the entry, press the left soft key  **Save**. The entry is saved to your Contacts.
10. If you chose **UPDATE EXISTING**, a list of contacts displays. Press the  Navigation key up or down to highlight the desired contact then press the left soft key  **Select**.
11. A list of numbers (i.e. Mobile 1, Mobile 2, etc.) displays. Press the  Navigation key to highlight the desired number to update and press  **OK**. The prompt "**OVERWRITE NUMBER?**" displays. Press the left soft key  **Yes** to overwrite or the right soft key  **No** to cancel.

Deleting Call History Entries

1. From the home screen, press  then press the  Navigation key up or down until the desired number is highlighted. Press the right soft key  **Options**. A pop-up menu appears in the display.
2. Press the  Navigation key down to highlight **Erase** and press . The “**ERASE ENTRY?**” pop-up screen appears.
3. Press the left soft key  **Yes** to erase the contact or the right soft key  **No** to cancel.

Deleting All Call History Entries




1. From the home screen, press .
2. Press the right soft key  **Options**. A pop-up menu appears in the display.
3. Press the  Navigation key down to highlight **Erase All** and press . Select **Yes** or **No** at the “**ERASE ALL ENTRIES?**” pop-up screen.

Contacts

Making Calls Using Contacts



Contacts are entries that you create to store names, numbers and other information for people or groups of

interest. If you've already entered information into your Contacts list, you can recall and dial the contact easily. For more information, refer to *"Adding a Contact"* on page 54.

1. From the home screen, press the right soft key  **Contacts**.
2. Press the  Navigation key up or down until the desired contact is highlighted then press the left soft key  **View**. Contact details appear in the display.

Note: To quickly locate a name, press (or multi-press) any key on the keypad that corresponds to the first,

second, and/or third letters of the contact's name.


3. If the entry contains more than one number, press the  Navigation key up or down to highlight the desired number.
4. Press  to call the number.

Voice Commands

Voice Commands is advanced speech recognition software that can be used to activate a wide variety of functions on your phone. Voice Commands software automatically voice activates all contacts for voice dialing and searching, no pre-recording or training needed. Speak phone numbers naturally to dial, and use

voice commands to access certain phone features such as Contacts, New Text Message, Alarm Clock, or Calendar.



You may launch Voice Commands via one of the following methods:

- Press and hold the **Voice Commands Key**  located on the right side of phone.
- Open the flip when in idle mode will open Voice Commands if "Flip Open & Talk" is set to "On" under **Menu → Settings → Sound Settings → Voice Commands**.

Voice Commands Settings

You can adjust some of the settings and preferences by opening the Voice Commands menu. Using this menu, you

can change the following Voice Commands features:

1. From the home screen, press and hold the **Voice Commands Key**  located on the right side of the phone. The Voice Commands screen appears in the display.
2. Press the left soft key  **Settings**. The following options appear in the display:
 - **Choice Lists**: If Voice Commands is not absolutely confident that it has correctly identified a name or number, it can display a choice list of up to three possibilities, and prompt you to confirm the correct one. You can control when

choice lists appear by changing the Choice Lists setting to the following:

- **Automatic:** Voice Commands displays a choice list when it is not confident it has identified the correct choice from among multiple alternatives.
- **Always On:** When there are multiple alternatives, Voice Commands always displays a choice list.
- **Always Off:** Voice Commands never displays a choice list. Instead, the application picks the best from among the possible choices.
- **Sound:** You can customize the Voice Commands user interface by turning

playback on or off for prompts and names.

- **Prompts:** You can turn **On** or **Off** all audio prompts such as “Say a name or shortcut.”
- **Names:** You can turn the name playback **On** or **Off** when dialing a contact name.
- **About:** Displays information about Voice Commands including version number, build number, and device number.

Voice Commands


The following is a list of functions that you can perform using Voice Commands speech recognition on your phone.

- **<Contact Name>:** Dial by saying a Name in your Contacts List.

- **New Message:** Opens the Send Message menu allowing you to send a new text message.
- **Contact List:** Opens the Contact List to display your contacts.
- **Alarm Clock:** Opens the Alarm Clock menu.
- **Calendar:** Opens the Calendar display.

<Contact Name>

Contact Name allows you to dial the number of any of your contacts by simply saying the name of the contact into your phone's microphone. For more information concerning contacts, see *"Understanding Your Contacts"* on page 53.


1. From the home screen, press the **Voice Commands** key  located on the right side of the phone.
2. After a brief pause, the list of Voice Commands functions appears in the display and the audio prompt "Say a name or shortcut" plays through the speaker.
3. Say the name of the desired contact at a distance of 3-12 inches from the phone in a natural voice.
4. If Voice Commands recognizes the name, it will repeat the name and say: "Connecting" and will automatically dial the number.

5. If the contact has more than one phone number listed, Voice Commands will say “Which number?” and will display the listed entries: **Home**, **Work**, **Mobile 1** and **Mobile 2**. Say the entry (“Home”, “Work”, etc.).
6. If Voice Commands did not fully recognize the name, it will say “Did you say (name of contact)?” and will ask to confirm the correct number as Voice Commands displays the results.
 - Say “**Yes**” to confirm the name.
 - Say “**No**” to reject the name.
 - Say “**Cancel**” to cancel the command.
- Say “**Repeat**” to have the selected name read one more time. Say Yes or No into the microphone.
7. If Voice Commands did not recognize the name, it will say “Sorry, no match found” and will display the following instructions on the screen: “Press REPEAT to try again. After the beep, you can say a name in your contacts list or one of the applications shortcuts”.

New Message

New Message allows you to open the Send Message screen, with the To: field active and ready for your input, by simply saying “New Message” into your

phone's microphone. For more information about creating new messages, see *"Creating and Sending Messages" on page 69.*


1. From the home screen, press the **Voice Commands** key  located on the right side of the phone.
2. After a brief pause, the list of Voice Commands functions appears in the display and the audio prompt "Say a name or shortcut" plays through the speaker.
3. Say "New Message" at a distance of 3-12 inches from the phone in a natural voice.

4. If Voice Commands recognizes your input, it will open the New Message display.
5. If Voice Commands did not recognize your command, it will say "Sorry, no match found" and will display the following instructions on the screen: "Press REPEAT to try again. After the beep, you can say a name in your contacts list or one of the applications shortcuts".

Contact List

Open your Contact List, by simply saying "Contact List" into your phone's microphone. For more information, refer

to “*Understanding Your Contacts*” on page 53.

1. From the home screen, press the **Voice Commands** key  located on the right side of the phone.
2. After a brief pause, the list of Voice Commands functions appears in the display and the audio prompt “Say a name or shortcut” plays through the speaker.
3. Say “Contact List” at a distance of 3-12 inches from the phone in a natural voice.
4. If Voice Commands recognizes your input, it will open the Contact List.

5. If Voice Commands did not recognize your command, it will say “Sorry, no match found” and will display the following instructions on the screen: “Press REPEAT to try again. After the beep, you can say a name in your contacts list or one of the applications shortcuts”.

Alarm Clock

Open your Alarm Clock, by simply saying “Alarm Clock” into your phone’s microphone. For more information concerning the Alarm Clock, see “*Alarm Clock*” on page 98.

1. From the home screen, press the **Voice Commands** key 


located on the right side of the phone.

2. After a brief pause, the list of Voice Commands functions appears in the display and the audio prompt “Say a name or shortcut” plays through the speaker.
3. Say “Alarm Clock” at a distance of 3-12 inches from the phone in a natural voice.
4. If Voice Commands recognizes your input, it will open the Alarm Clock display.
5. If Voice Commands did not recognize your command, it will say “Sorry, no match found” and will

display the following instructions on the screen: “Press REPEAT to try again. After the beep, you can say a name in your contacts list or one of the applications shortcuts”.

Calendar

Open your Calendar, by simply saying “Calendar” into your phone’s microphone. For more information about the Calendar, see *“Calendar” on page 95*.




1. From the home screen, press the **Voice Commands** key  located on the right side of the phone.




2. After a brief pause, the list of Voice Commands functions appears in the display and the audio prompt “Say a name or shortcut” plays through the speaker.
3. Say “Calendar” at a distance of 3-12 inches from the phone in a natural voice.
4. If Voice Commands recognizes your input, it will open the Calendar display.
5. If Voice Commands did not recognize your command, it will say “Sorry, no match found” and will display the following instructions on the screen: “Press REPEAT to try

again. After the beep, you can say a name in your contacts list or one of the applications shortcuts”.

Section 4: Menu Navigation

Menu Navigation


Access menus using the  Navigation key, soft keys  , or you may use a shortcut.

1. From the home screen, press the left soft key  **MENU**. Several menus are shown in the display.
2. Press the  Navigation key to browse the menus.
3. Press  to enter the menu or sub-menu appearing in the display.

Return to the Previous Menu











Press  to return to the previous menu.

Menu Number Accelerators





You can also access menus and sub-menus faster and with fewer key presses using menu number accelerators. To access a menu or sub-menu quickly, press  **MENU**, then enter the menu and/or sub-menu number(s) for the desired feature.

See the following examples for standard menu navigation and number accelerators.


Example using **standard menu navigation**:

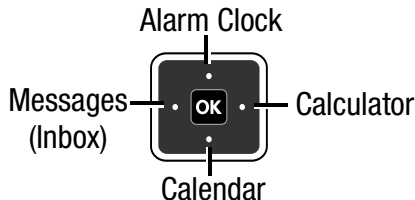
1. From the home screen, press the left soft key  **MENU**. Several menus are shown in the display.
2. Press the  Navigation key down to highlight  **Settings** and press  .
3. Press the  Navigation key down to highlight  **Phone Settings** and press  .
4. Press the  Navigation key down to highlight  **Font Size** and press  to open the menu.

Example using **number accelerators**:

1. From the home screen, press the left soft key  **MENU**. Several menus are shown in the display.
2. Press:  ,  ,  to open the **Font Size** menu.

Navigation Key Shortcuts

From the home screen, press a  Navigation key to launch its corresponding application.



Menu Outline

The following list shows the menu structure and indicates the accelerator number assigned to each option.



Contacts

- 1: Contact List
- 2: New Contact
- 3: Edit Contact
- 4: Erase Contact
- 5: Speed Dials
- 6: Emergency Contacts
- 7: My Name & Number



Recent Calls

- 1: Missed Calls
- 2: Dialed Calls
- 3: Answered Calls

4: All Calls

5: Call Timers



Messaging

1: Voicemail

2: Send Message

1: Contacts

2: Enter Number

3: Recent Calls

3: Inbox

4: Drafts

5: Sent

6: Settings

1: Voicemail Alert

1: Alert Tone

2: Reminder

2: Voicemail #

3: Message Alert

- 1: Alert Tone
- 2: Reminder
- 4: Entry Mode
- 5: Auto Erase Inbox



Tools

- 1: Calendar
- 2: Alarm Clock
- 3: Calculator
 - 1: Calculator
 - 2: Tip Calculator
 - 3: Converter
 - 1: Temperature
 - 2: Length
 - 3: Weight
 - 4: Area
 - 5: Volume
 - 6: Currency

- 4: World Clock
- 5: Stop Watch
- 6: Voice Commands
 - 1: Choice Lists
 - 2: Sound
 - 1: Prompts
 - 2: Names
 - 3: About



Settings

- 1: Sound Settings
 - 1: Ringtone
 - 2: Volume Level
 - 3: Keypad Volume
 - 4: Vibrate Mode
 - 5: Voice Commands
 - 1: Menu Readout
 - 2: Digit Readout

- 3: Alert Readout
- 4: Flip Open & Talk
- 6: Voicemail Alert Tone
- 7: Message Alert Tone
- 8: Advanced
 - 1: Attach Accessory Tone
 - 2: Power On/Off Tone
 - 3: Roam Tone
 - 4: Minute Beep
 - 5: Call Disconnect
- 2: Phone Settings
 - 1: Wallpaper
 - 2: Banner
 - 1: Personal
 - 2: Network
 - 3: Backlight
 - 4: Font Size

- 5: Language
- 6: Advanced
 - 1: Answer Options
 - 2: One Touch Dial
 - 3: TTY
 - 4: DTMF Tones
 - 5: Auto Retry
 - 6: Reset Phone





Phone Info

- 1: My Number
- 2: Phone Status
- 3: Icon List
- 4: Software Version

Section 5: Entering Text





This section outlines how to select the desired text input mode when entering characters.











Changing the Text Mode

1. While composing a message, press the right soft key  **Options** and then press  **Entry Mode** to display a pop-up menu with the following Entry Mode options:
 - **Word**
 - **Abc**
 - **ABC**
 - **123**
 - **Symbols**

Entering Text Using Word Mode


Word recognizes the most commonly used word for any sequence of key presses and inserts that word into your message. It's much faster than the traditional method of text entry (Abc) and requires only one key press per letter of the word that you're spelling.

1. From the home screen, press the left soft key  **Menu**, then press  **Messaging**.
2. Press  **Send Message**, then press  **Enter Number** to compose a new message.

3. Enter the phone number or Email address of the recipient, then press the left soft key  **Next** key to enter the **Message** field.
4. Press the right soft key  **Options** and press  **Entry Mode**. The **Entry Mode** screen is shown with **Abc** selected by default.
5. Press the  Navigation key to highlight **Word**, then press .
6. For this example, we will enter the word “Hello” for the first word in your message. Press , , , , .



Word recognizes that the most frequently used word for the sequence


of numbers entered. The word you just entered is “HELLO.” If more than one word shares the same sequence, Word provides the most common of the two.



7. After the word is entered, and it is not your choice, press the  key to select an alternate word, if needed.



Entering Upper and Lower Case

Use **Abc** mode to enter upper and lower case letters into a message.

1. While composing your message in the **Message** field, press the right soft key  **Options**.
2. Press  **Entry Mode**.

3. Press the  Navigation key to highlight **Abc** and press **OK**.
4. Enter the first letter for sentence case letter. After entering the letter, the entry mode will switch to lower case. Enter other letters as necessary.




Note: While composing your message, press and hold the  key to toggle between **Abc**, **123** and **Word**. Then briefly press the  key to shift between the different modes of entry.


Note: Press  to backspace and clear the entered letter, number or symbol. Press and hold  to erase the entire word.

Note: Press the  key to add spaces between words.

Entering Numbers





Use 123 mode to enter numbers into a text message.




1. In the **Message** field, press the right soft key  **Options**.
2. Press  **Entry Mode**.
3. Press the  Navigation key to highlight **123**, then press **OK**.

4. Enter the key that corresponds with the number that you wish to enter. For example, press  for the number 4.

Entering Symbols

Use symbol mode to enter symbols @ or % into a text message.

1. In the **Message** field, press the right soft key  **Options**.
2. Press  **Entry Mode**.
3. Press the  Navigation key to highlight **Symbols**, then press . The first of three pop-up screens containing symbols appear in the display.

4. Press left soft key  **Ok** or right soft key  **Next** to page through the other symbols, if necessary.
5. Enter the key that corresponds with the symbol that you wish to enter. For example, press  for an exclamation point (!) on the first page of symbols.


Repeat steps 1 through 4 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

This section allows you to manage your daily contacts by storing their name and number in your Contact List.

Opening Contacts Menu

The Contacts menu provides access to powerful features such as adding new contacts, setting speed dials, adding emergency contacts and viewing the phone number assigned to your phone by Verizon Wireless.

1. From the home screen, press the left soft key  **Menu. Contacts** is highlighted, press **OK**. The following list is displayed:

1. Contact List: Find a phone number by Name.

2. New Contact: Add a new contact to your Contact List.



3. Edit Contact: Edit a selected contact's name or phone numbers.

4. Erase Contact: Erase a selected contact.

5. Speed Dials: Set a speed dial for a contact.

6. Emergency Contacts: Add Emergency contacts.

7. My Name & Number: Enter your name and phone number assigned to your phone by Verizon Wireless.

2. Press the  Navigation key up or down to highlight the **Contacts** menu item of your choice, then press  to select it.

Contacts Icons

You can assign multiple entries to a contact. The icons in the following table represent all available entry types.



Mobile 1 icon. Enter a mobile number for the entry in this field.



Home icon. Enter a home number for the entry in this field.



Work icon. Enter the work number for the entry in this field.



Mobile 2 icon. Enter a secondary mobile number for the entry in this field.












Ringtone icon. Select a ringtone to associate with the entry in this field.

Adding a Contact

When you add information to your Contacts, you can add it as a new entry or as an existing entry.


Method 1

Creating a new Contact from the home screen

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Contacts** then press  **New Contact**.
3. Enter a name for the entry using the keypad.
4. Press the  Navigation key down to highlight the appropriate phone number type (**Mobile 1**, **Home**, **Work**, etc.). Once highlighted, use the keypad to enter the required information.
5. Press the  Navigation key up or down to highlight other type fields, if desired. Enter information using the keypad.
6. To assign a **Speed Dial** location after entering the number, press the right soft key  **Options**. Highlight **Set Speed Dial** and press .
7. Highlight an unassigned location and press the left soft key  **Set**. The message: “**SET SPEED DIAL TO CONTACT?**” appears in the display.
8. Press the left soft key  **Yes**, to add the Contact to the speed dial location.

Note: Voicemail is assigned to Speed Dial location 1.


Note: You can assign a speed dial location to each number associated with the contact (Mobile 1, Home, Work, etc.)













9. When you're finished entering information for the entry, press left soft key  **Save** to save the entry to your Contact List.


Method 2

Adding a number to a new or existing Contact from the home screen

You can add new numbers to the Contacts by simply entering the number from the home screen, then following the necessary prompts to complete the process.


1. From the home screen, enter the number to save using the keypad, then press the left soft key  **Save**. You're prompted to select from **New Contact** or **Update Existing**.





2. Press  to enter the number as a **New Contact** or press  to add the number to **Update Existing**.
3. If you selected **New Contact**, the following types are available.
 -  **Mobile 1**
 -  **Mobile 2**
 -  **Home**
 -  **Work**
4. If you selected **Update Existing**, proceed to Step 11.
5. Press the  Navigation key down to highlight the desired entry type (**mobile 1**, **mobile 2**, etc.) then press .
6. Enter a name for the entry using the keypad. Press the right soft key  **Options** if you wish to select a different method of text entry, such as; Word, Abc, ABC, 123 or Symbols.
7. To assign a **Speed Dial** location, highlight the number to assign to a **Speed Dial** location and press the right soft key  **Options**. Highlight **Set Speed Dial** and press .
8. Highlight an unassigned location and press the left soft key  **Set**. The message: “**SET SPEED DIAL TO CONTACT?**” appears in the display.

9. Press the left soft key  **Yes**, to add the Contact to the speed dial location.

Note: Voicemail is assigned to Speed Dial location 1.

Note: You can assign a speed dial location to each number associated with the contact (Mobile 1, Home, Work, etc.)



10. When you're finished entering information for the entry, press the left soft key  **Save** to save the entry to your Contact List.

11. If you selected **Update Existing**, the Contact List opens in Search mode. Press the  Navigation key up or down to browse through entries, or enter the name of the entry using the keypad. Once you've highlighted the entry to update, press .
12. Press the  Navigation key up or down to highlight the desired phone number type then press . The number is added to the selected entry and saved to your Contact List.

Method 3

Storing Numbers After a Call








Once you've finished a call, you can store the number of the caller to your Contact List.

1. After you press  to end your call, the call time, length of call and phone number appears in the display.
2. Press the right soft key  **Save**. You're prompted to select **New Contact**, or **Update Existing**. Follow the on-screen prompts to designate other information.

Adding Pauses

Calls to automated systems often require a password or account number. Instead of manually entering numbers each time, store the numbers to your Contacts along with special characters called pauses.

- **Add Wait:** A hard pause stops the calling sequence until further input from you.
 - **Add 2-Sec Pause:** A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
1. From the home screen, enter the number.


2. To add a wait, press the right soft key  **Options** and press the  Navigation key down to highlight **Add Wait** and press . (A “W” appears in the display).
3. To add a 2 second pause, press the right soft key  **Options** and press the  Navigation key down to highlight **Add 2-Sec Pause** and press . (A “P” appears in the display).
4. Add the desired numbers after the “P”.
5. When you’re finished entering information for the entry, press the left soft key  **Save**.

6. Continue with Step 2, Method 2 for **Adding a number to a new or existing Contact from the home screen**.


Note: Entering multiple 2-sec Pauses extends the length of a pause. For example, two consecutive 2-sec Pauses cause a total pause time of four seconds. Pauses count as digits towards the 48-digit maximum.







Finding a Contacts Entry

From the home screen, you can quickly open the Contact List. Contacts is a quick way of viewing entries you've stored in the Contact List.







1. From the home screen, press the right soft key  **Contacts**. The Contact List displays.
2. In the **Find** field, enter the first and second letters of the name you wish to search until it is highlighted.

Editing an Existing Contacts Entry

1. From the home screen, press the right soft key  **Contacts**.

2. Press the  Navigation key up or down to highlight the contact list entry and press .
3. Press the left soft key  **Edit**.
4. Press  to backspace and delete numbers, text, or symbols.
5. Press and hold  to erase all numbers in the highlighted field. Use the keypad to re-enter numbers, text, or symbols.
6. When you're finished editing the entry, press the left soft key  **Save**.

Deleting a Contact Entry

1. From the home screen, press the right soft key  **Contacts**.
2. Press the  Navigation key up or down to highlight the contact list entry and press the right soft key  **Options**.
3. Press  **Erase Contact**.
4. A pop-up “**ERASE CONTACT?**” screen displays. Press the left soft key  **Yes** to erase the contact, or press the right soft key  **No** to cancel.


Speed Dialing

Note: Speed dialing allows you to call numbers stored in your Contact List quicker.

Speed dialing allows you to press and hold a key to dial the number associated with the key.








Note: Memory location 1 is reserved for voicemail.






One touch dialing



Call phone numbers assigned to memory locations 2 - 9 by pressing and holding any of the 2 - 9 keys. For example, to speed dial the number assigned to location 2, press and hold  until the name and number appear in the display and the number is dialed.


Assign a speed dial location



Note: One touch dialing must be activated before assigning a speed dial location. To activate one touch dialing, see “*One Touch Dial*” on page 90.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Contacts** then press  **Speed Dials**.
3. Press the  Navigation key up or down to highlight the number you wish to assign and press the left soft key  **Assign**. The “**ASSIGN NUMBER**” screen displays.
4. Press the  Navigation key up or down to highlight **From Contacts** or **Enter Number** and press .








► **From Contacts**, press the  Navigation key up or down to highlight a contact and press . Press the  Navigation key up or down to highlight the contact phone number and press . Press the left soft key  **Assign** at the confirmation pop-up screen.

► **Enter Number**, at the **New Contact** screen, enter the name and phone numbers in the appropriate fields and press the right soft key  **Options**. Press  **Set Speed Dial**.

5. Continue to assign speed dial entries or press  to return to the home screen. At the “**SAVE**







CONTACT” pop-up screen, press the left soft key  **Yes** or the right soft key  **No** to cancel.




Remove a speed dial

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Contacts** then press  **Speed Dials**.
3. Press the  Navigation key to highlight the contact assigned to the speed dial and press the right soft key  **Remove**.
4. At the “**REMOVE SPEED DIAL?**” pop-up screen, press the left soft key  **Yes** or the right soft key  **No**, to cancel.

Emergency Contacts


Adding Emergency Contacts







1. From the home screen, press the  **ICE** key.
2. The screen will display: “**Emergency Contacts can be set by selecting a contact from the Contact List or entering the phone number**”. Press .
3. Press the  Navigation key to highlight **Contact 1**, **Contact 2**, or **Contact 3** and press the left soft key  **Assign**.
4. Press the  Navigation key to highlight **From Contacts** or **Enter Number** and press .

- **From Contacts**, press the  Navigation key to highlight a contact and press . “**ICE CONTACT ASSIGNED**” confirms your selection.
- **Enter Number**, at the **NEW CONTACT** screen, enter the name and phone numbers in the appropriate fields and press the left soft key  **Save**.



Health Info

Once you have entered an Emergency Contact, you can enter health information at the **ICE CONTACTS** menu screen.





1. From the home screen, press the  **ICE** key.

2. Press the  Navigation key to highlight **Health Info** and press .
3. The health information screen displays. Press . **Note 1, 2 and 3** options are shown. Select a note location and press .
4. Enter your health information using the keypad. Press the right soft key  **Options** to choose from different types of entry modes.
5. Press the left soft key  **Save** after entering your information.
6. Repeat entering additional information in the other **Note** locations, if necessary.

Unassign an Emergency Contact




1. From the home screen, press the  **ICE** key.
2. Press the  Navigation key to highlight the Emergency Contact to unassign.

Note: Emergency contacts are displayed in red font.




3. Press the right soft key  **Options** then press  **Unassign**.
4. **“UNASSIGN ICE CONTACT?”** confirmation screen appears in the display.
5. Press the left soft key  **Yes** or the right soft key  **No**, to cancel.


Making an Emergency Call

Your Samsung Knack™ has a dedicated E911 key enabling you to make an emergency call to the E911 service.

1. From the home screen, press the  **911** key.
2. The prompt “**CALL 911?**” displays, press the left soft key  **Yes** or the right soft key  **No**, to cancel.

Finding My Phone Number

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Contacts** then press  **My Name & Number**. The assigned name and phone number are displayed.

Note: If your assigned name is not shown, you may enter your name using the keypad and press the left soft key  **Save**.

Section 7: Messaging


This section allows you to send or receive different types of messages. It also includes the features and functionality associated with messaging.




Types of Messages

Your phone is capable of sending text messages. Send text messages by simply entering the phone number of the recipient in the **To:** <.....> field when creating a new text message.

Retrieving a Text Message


When you receive a message the message ringer sounds, (unless turned off), and New Text Message appears in

the display along with the closed envelope icon . The date and time of the message also appear in the display.






1. Press the left soft key  **Now** to open the message or press the right soft key  **Later** to open the message at a later time. The message is saved to your Inbox where you can view it later.
2. With the message open, press the right soft key  **Options** to erase, forward, add to your list of contacts, lock or unlock and view the message information.





Creating and Sending Messages


You can send text messages to another mobile phone or to an Email address. For more information about entering text in messages, see “*Entering Text*” on page 49.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Messaging** then press  **Send Message**. The following options:
 - **Contacts**: Allows you to send a message to a one or more contacts from your Contacts List.


- **Enter Number**: Allows you to send a message by entering a phone number or Email address.
- **Recent Calls**: Allows you to send a message using phone numbers stored in the Recent Calls folder.


- ▶ To send a message using **Contacts**, press . Press the  Navigation key up or down to highlight a contact and press the left soft key  **Select**. After selecting the contact(s), press the left soft key  **Next**. Proceed to **step 5**.
- ▶ To send a message using **Enter Number**, press . Proceed to **step 3**.



- To send a message using **Recent Calls**, press . Press the  Navigation key up or down to highlight a recent call list(s) and press the left soft key  **Select**. After making your selection(s), press the left soft key  **Next**. Proceed to **step 5**.


3. Enter the phone number or Email address of any additional recipients. At any point while entering your recipient(s) phone number or Email address, press the right soft key  **Options**, to display the following options:
- **Entry Mode**: Select Word, Abc, ABC, 123 or Symbols modes of entry.

- **Add From Contacts**: Allows you to add additional contacts from the Contacts List.
- **Add From Recent Calls**: Allows you to add recipients from the Recent Calls folder.
- **Cancel**: Cancels the message.

Note: If you do not select an option, press  to return to your message.


4. Press the left soft key  **Next** to move to the **Message** field.
5. Compose your message using the keypad.




Note: While composing your message, press the  key to toggle between Abc, ABC, and abc entry modes. Press the  key to add spaces.

6. At any point while composing a message, press the right soft key  **Options** soft to display the following options:



- **Save As Draft:** Saves the message to the Drafts folder.
- **Entry Mode:** Select Word, Abc, ABC, 123 or Symbols modes of entry.
- **Add:** Allows you to add the following options:

- **Add Recipient:** Allows you to add a recipient to the message.
- **Add Phrase:** Allows you to add a phrase.
- **Add Graphic:** Allows you to add a preloaded emoticon graphic.
- **Add Sound:** Allows you to add a preloaded sound.
- **Save As Phrase:** Saves the message as a quick text phrase.
- **Cancel:** Cancels the message and allows you to save it in the Drafts folder.

Note: If you do not select an option, press  to return to your message.






7. Press the  Navigation key to highlight an option. Press  to perform the function for the option, or to enter its sub-menu.
8. To send the message, press the left soft key  **Send**.

Receive Messages While in a Call

1. When you receive a message while in a call, the **NEW TXT MESSAGE FROM (Name)** dialog box appears in the display. Press the left soft key  **Now** or press the right soft key  **Later**.

Note: You can view and reply to text messages without interrupting your call.

View a Text Message Later









1. When you receive a new text message that you would like to view later, press the right soft key  **Later**. The message will be stored in the Inbox.
2. To view the stored message, press the left soft key  **Menu**.
3. Press  **Messaging** then press  **Inbox**.
4. Highlight the unopened message, then press  to open the message. The **INBOX** screen appears first with information about the message.

Message Folders

Your phone provides default message folders for your text messages.

Inbox

Received messages of all types are stored in the Inbox folder.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Messaging** then press  **Inbox**.
3. Press the  Navigation key up or down to highlight the message that you wish to open and press the left soft key  **View**.
4. You can press  **Reply** to reply to the viewed text message. The sender's contact name/number will automatically be filled in position 1 of the **To:** field, and the cursor will be placed in position 2 of the **To:** field. Press  **Next** to enter the reply text.
5. While viewing a message press the right soft key  **Options** to display the available options. Options are dependent on the message type:
 - **Erase:** Allows you to erase the message.
 - **Forward:** Forwards the message to another recipient.

- **Add To Contacts:** Saves the number of the sender to your Contacts as a new entry or add to an existing entry.
- **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.
- **Message Info:** Provides the following information: From (also provides the date and time the message was received), Callback #, Priority, Size and Attachments (if any).






Note: When the Inbox exceeds 100 text messages, the first message in the list is replaced with the next incoming message. For information on how to set Auto Erase see


“Changing Message Settings” on page 79.

Sent

Your phone stores messages in the Sent folder, regardless of whether the message was successfully transmitted.


Review Messages in the Sent Folder



1. From the home screen, press the left soft key  **Menu**.
2. Press  **Messaging** then press  **Sent**.
3. Press the  Navigation key up or down to highlight the message that you wish to open and press the left soft key  **View**.





4. While viewing the message, press the right soft key  **Options** to display options listed. Options are dependent on the type of message:

- **Send Again:** Allows you to resend the message.
- **Erase:** Allows you to erase the message.
- **Erase Sent:** Allows you to erase the sent message(s).
- **Forward:** Forwards the message to another recipient.
- **Add To Contacts:** Adds the sender's information to your contact list.
- **Lock/Unlock:** Locks or unlocks the entry to prevent accidental deletion.

- **Message Info:** Provides the following information: Sent To Number (also provides the day, date and time the message was sent), Status, and Callback Number.

Note: Press the left soft key  **Mute/Unmute** to mute/unmute a sound byte attached to the text message.

5. Press the  Navigation key up or down to highlight the desired option.
6. Press  to perform the function for the highlighted option.

7. From the **Sent** menu, press the  Navigation key to highlight a message and press the right soft key  **Options**.
8. Press  **Erase** to erase the message from the Sent folder.
9. Press the left soft key  **Yes** to erase the message or **No** to return to the **Sent** menu.






Drafts

Draft messages are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

Create a Draft Text Message









1. From the home screen, press the



left soft key  **Menu**.


2. Press  **Messaging** then press  **Send Message**.
3. Select the message option (**Contact**, **Enter Number** or **Recent Calls**) in the Send To screen and press . For more information on creating a message, see “*Creating and Sending Messages*” on page 69.
4. Press the left soft key  **Next** to move to the **Message** field.
5. Compose your message using the keypad, then press the right soft key  **Options**. A pop-up menu appears in the display.

6. Press  **Save As Draft.** A confirmation message appears in the display and your message is saved to the Drafts folder.

View and Edit Draft Messages

1. From the home screen, press the left soft key  **Menu.**
2. Press  **Messaging** then press  **Drafts.**
3. Press the  Navigation key to highlight the message to view, then press the left soft key  **Edit.**
4. In the **Text** field, press  to backspace and delete any characters in the display, if desired. Press and hold  to erase all characters in a word.
5. Press the right soft key  **Options.** A pop-up menu appears in the display with the following options:
 - **Save As Draft:** Saves the message to the Drafts folder.
 - **Entry Mode:** Select Word, Abc, ABC, 123 or Symbols modes of entry.
 - **Add:** Allows you to add the following options:






- **Add Recipient:** Allows you to add a recipient to the message.
 - **Add Phrase:** Allows you to add a preloaded phrase.
 - **Add Graphic:** Allows you to add a preloaded emoticon graphic.
 - **Add Sound:** Allows you to add a preloaded sound.
 - **Save As Phrase:** Saves the message as a quick text phrase.
 - **Cancel:** Cancels the message and allows you to save it in the Drafts folder.
6. Press the  Navigation key up or down to highlight the desired option. Press  to perform the function for the highlighted option.


7. Once you've returned to the message composer and completed your message, press the left soft key  **Send**, if desired.

Erase Options

You can erase unlocked messages in your Inbox, Drafts folder, or Sent folder. Locked messages are not erased.

To erase messages:




1. From the home screen, press the left soft key  **Menu**.
2. Press  **Messaging** then press either  **Inbox**,  **Drafts** or  **Sent**.

3. Highlight the message to erase and press the right soft key  **Options**. The following erase options are available according to their respective folders:
- **Erase**: Erases the highlighted unlocked message.
 - **Erase Inbox**: Erases unlocked messages in your Inbox.
 - **Erase Drafts**: Erases unlocked messages in your Drafts folder.
 - **Erase Sent**: Erases unlocked messages in your Sent folder.

Changing Message Settings

This menu allows you to define settings for messages sent or received on your


phone. To access your message settings, use the following steps:

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Messaging** then press  **Settings**. The display shows the following options:
 - **Voicemail Alert**: Options for voicemail alert are:
 - **Alert Tone**: Choose one of the preloaded Melody tones or scroll down to choose: **Beep Once**, **Double Beep** or **No Ring**.
 - **Reminder**: Select **Off**, **Every 5 Mins**, **Every 15 Mins** or **Every 30 Mins**.
 - **Voicemail #**: Enter the speed dial entry set for your voicemail.

Note: If the default voicemail number is changed to a new voicemail number, the new number will apply in Messaging and Contacts.

- **Message Alert:** Options for message alert are:
 - **Alert Tone:** Choose one of the preloaded Melody tones or scroll down to choose: **Beep Once**, **Double Beep** or **No Ring**.
 - **Reminder:** Select **Off**, **Every 5 Mins**, **Every 15 Mins** or **Every 30 Mins**.
- **Entry Mode:** Sets the default entry mode for messaging. Choose from: **Word**, **Abc**, **ABC**, or **123**.

- **Auto Erase Inbox:** Erases the oldest message of the same type when the maximum number of received messages of that type is exceeded in the Inbox. For example; when the Inbox exceeds 100 text messages, the first message in the list is replaced with the next incoming message. Select **Automatically** or **Manually**.

3. Press the  Navigation key up or down to highlight the setting and press . Select your options.

Voicemail


New voicemail alerts are sent via a free Text message. These messages indicate how many new and urgent voicemails

are in your voice mailbox. Open the free text message to view the number of new and urgent voice messages in your voice mailbox. If a caller leaves a callback number, this number will also be sent via Text message.

Note: Standard Text Messaging charges do not apply.





Receive Voicemail Messages

When you receive a new voicemail message you'll hear a sound and an Text message appears in the display.

1. Press the left soft key  **Now** to open the message or press the right soft key  **Later** to open the

message at a later time. The message is saved to your Inbox where you can view it later.

View Voicemail Messages in the Inbox Folder

1. From the home screen, press the left soft key  **Menu**. Press  **Messaging**.
2. Press  **Voicemail**.
or...
3. Press and hold the Voicemail key  located on the right side of the phone, to dial voicemail and retrieve your message(s).





Section 8: Changing Your Settings

This section explains the sound and phone settings for your phone. Instructions for accessing information about your phone can be found at the end of this section.


Sound Settings

The Sound Settings menu provides the ability to access the following menus:





Ringtone

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Sound Settings**.
Ringtone is highlighted, press .

4. Press the  Navigation key up or down to highlight the desired ringtone and press .





Note: Press the right soft key  to play the ringtone, if desired, before making your selection.

Volume Level

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Sound Settings** then press  **Volume Level**.

4. Press the  Navigation key up or down to highlight the desired ringtone volume and press **OK**.






Keypad Volume

1. From the home screen, press the left soft key  **Menu**.
2. Press **S**  **Settings**.
3. Press **1**  **Sound Settings** then press **E**  **Keypad Volume**.





Select from: **High**, **Medium**, **Low** or **Off** for the keypad volume.

4. Press the  Navigation key up or down to highlight the desired selection and press **OK**.

Vibrate Mode

1. From the home screen, press the left soft key  **Menu**.
2. Press **S**  **Settings**.
3. Press **1**  **Sound Settings** then press **4**  **Vibrate Mode**.
4. Press the  Navigation key up or down to highlight **On** or **Off**, and press **OK**.







Voice Commands

1. From the home screen, press the left soft key  **Menu**.
2. Press **S**  **Settings**.
3. Press **1**  **Sound Settings** then press **S**  **Voice Commands**.





4. The following options display:


- **Menu Readout:** Select **On** or **Off**. When set to **On**, will read back the menu item that is highlighted as you navigate through the menus.
- **Digit Readout:** Select **On** or **Off**. When set to **On**, will read back digits entered while dialing a phone number.
- **Alert Readout:** Select **On** or **Off**. When set to **On**, will verbally notify you of alerts such as "You have an incoming call" or "You got a new message".
- **Flip Open & Talk:** Select **On** or **Off**. For more information, refer to *"Voice Commands Settings"* on page 36.

Voicemail Alert Tone





1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Sound Settings** then press  **Voicemail Alert Tone**.
4. Press the  Navigation key up or down to highlight the desired voice mail alert tone and press .

Message Alert Tone


1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Sound Settings** then press  **Message Alert Tone**.

4. Press the  Navigation key up or down to highlight the desired message alert tone and press .

Advanced

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Sound Settings** then press  **Advanced**. The following menus appear in the display:
 - **Attach Accessory Tone**: Options are **On** or **Off**.
 - **Power On/Off Tone**: Select **Play Tone** or **Tone Off**.
 - **Roam Tone**: Options are **On** or **Off**.

- **Minute Beep**: Options are **On** or **Off**.
- **Call Disconnect**: Options are **On** or **Off**.





4. Highlight a menu and press  to enter the highlighted option's menu and change settings as desired.

Phone Settings

The Phone Settings menu provides the ability to access the following menus:

Wallpaper






1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Wallpaper**.

4. Press the  Navigation key right or left to highlight the desired wallpaper image.
5. Press the right soft key  **View**, to view the image in a larger format. Press the right soft key  **List**, to switch back to list view.
6. Select your desired picture and press .

Banner




Banner allows you to create your own personalized greeting that appears in home screen. Or you can display the network to which you are subscribed.

To create a personal banner:





1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Banner**.
4. Press  **Personal**. Enter your personal banner in the Enter Text field.

Note: Press the right soft key  **Abc**, to choose from: **Word**, **Abc**, **ABC**, **123** or **Symbols** options of entry mode.

Note: Press and hold  to erase an existing banner, if necessary.

5. Enter a word or short phrase (12 characters or less) to appear in the home screen.
6. Press the  Navigation key down to enter the **Select Color** field. Press the  Navigation key right or left to choose from **White** or **Black** text.
7. Press  to save banner.

To turn on a network banner:

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Banner**.


4. Press  **Network**.
5. Select **On** or **Off** and press .


Backlight

Set the **backlight** for the internal LCD display to remain on for a specified period of time or to remain on as long as the flip is open.







Note: Backlight does not apply to external LCD display which has fixed time to remain on.

Note: Prolonged backlight use drains your battery faster.

1. From the home screen, press the left soft key  **Menu**.


2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Backlight**. The following list will appear in the display:
 - **30 Seconds**: The backlight is on for 30 seconds.
 - **45 Seconds**: The backlight is on for 45 seconds.
 - **60 Seconds**: The backlight is on for 60 seconds.
 - **Always On**: The backlight is always on.
 - **Always Off**: The backlight is always off.
4. Highlight the desired option and press .

Font Size

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Font Size**.
4. Press the  Navigation key up or down to highlight **Normal** or **Large**, and press .





Language

Change the display language from English to Spanish or vice versa.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.

3. Press  **Phone Settings** then press  **Language**.
4. Select a language and press .

Advanced



1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**. The following menus appear in the display:
 - **Answer Options**
 - **One Touch Dial**
 - **TTY**
 - **DTMF Tones**




- **Auto Retry**
- **Reset Phone**

The following **Advanced** menus detail each option's choices:

Answer Options







The Answer Options menu allows you to select the method for answering incoming calls.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**.

4. **Answer Options** is highlighted, press . The following options appear in the display:
 - **Flip Open**: Calls are answered when the flip is opened.
 - **Any Key**: Calls are answered when any key is pressed.
 - **Auto With Headset**: Calls are answered automatically through your headset/earphone.
5. Highlight the method(s) you wish to use for answering calls, then press the right soft key  **Mark**. (You may select all options, if desired.)
6. Press the left soft key  **Save**.

One Touch Dial









You can use this option to enable or disable the speed dialing feature.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**.
4. Press  **One Touch Dial**. Select **On** or **Off** and press . For more information, refer to “*Speed Dialing*” on page 62.

TTY


Your phone is fully TTY compatible. Connect the TTY equipment to the

headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY functions in the phone.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**.
4. Press the  Navigation key down to highlight  **TTY** and press  .
5. A warning appears in the display stating **"ENABLING TTY WILL DISABLE HEADSET AUDIO. CONTINUE?"** Press the left soft key  **Yes**.





6. Press the  Navigation key up or down to select one of the following:

- **TTY Off**
- **TTY Full**
- **TTY + Talk (VCO)**
- **TTY + Hear (HCO)**

Press  for your selection. **TTY MODE SET** screen displays.

DTMF Tones

Use this menu to set DTMF settings.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**.

4. Press **4**_{GHI} **DTMF Tones**. The following options appear in the display:
 - **Normal**: Select for a normal tone.
 - **Long**: Select for an extended tone.

Highlight an option and press **OK**.

Auto Retry

Auto Retry automatically redials voice/data calls after a preset period of time.

1. From the home screen, press the left soft key  **Menu**.
2. Press **5**_{JKL} **Settings**.
3. Press **2**_{ABC} **Phone Settings** then press **6**_{MNO} **Advanced**.








4. Press **5**_{JKL} **Auto Retry**. The following options display:
 - **10 Seconds**
 - **30 Seconds**
 - **60 Seconds**
 - **Off**

5. Select an option and press **OK**.

Reset Phone





Reset Phone will reset your phone to the factory default settings.




Warning!: **Reset Phone** option will erase all user data including all contact entries and messages!

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Settings**.
3. Press  **Phone Settings** then press  **Advanced**.
4. Press  **Reset Phone**. The screen will display:
"PERMANENTLY ERASE ALL USER DATA & RESET SETTINGS TO FACTORY DEFAULTS?"
5. Press the left soft key  **Yes** to continue or press the right soft key  **No** to cancel.

Phone Info

The **Phone Info** menu allows you to view your assigned number, the status of your phone, a list of the phone's icons and the phone's software/hardware information.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Phone Info**.
3. Press  **My Number** to display your assigned phone number from Verizon Wireless.
4. Press  **Phone Status** to view the following phone status: **Battery**, **Signal**, **Messages**, **Voicemails** and **Volume**.

5. Press  **Icon List** to view the list of icons with a brief description.
6. Press  **Software Version** to view the version of software, PRL, ERI and Hardware of your phone.
7. Press  to return to the **Phone Info** menu.

Section 9: Tools


The topics covered in this section allow you to schedule appointments, view the calendar, set an alarm, view time zones and perform simple math calculations.



Calendar

Schedule up to eight events for any day by indicating each event's start and end time. Set alarms for events so that you can be alerted before an event takes place. Events scheduled for future dates automatically appear on your Today events schedule for the present day.



Add a new event

1. From the home screen, press the






left soft key  **Menu**.














2. Press  **Tools**.
3. **Calendar** is highlighted, press . The calendar appears in the display with the current date highlighted.
4. To view available options, press the right soft key  **Options**. A pop-up menu appears in the display that contains the menu items.
 - **Add New Event:** Add a new event for the selected calendar day.
 - **Add Special Occasion:** Add a new occasion for the selected calendar day.

- **Go To Date:** Go to any date that you specify.
 - **Go to Today:** View today's events.
 - **Erase Past:** Select a past event to delete.
 - **Erase All:** Delete all events in your calendar.
5. Press **1**  **Add New Event** to add a new event.
 6. The **Event** field is highlighted. Enter the name and press the  Navigation key down to move to the following fields:
 - **Start Date:** Enter the start date for the event.
 - **Time:** Enter the start time for the event.
 - am/pm: Select from am or pm for the start time.
 - **End Date:** Enter the end date for the event.
 - **Time:** Enter the end time for the event.
 - **am/pm:** Select from am or pm for the end time.
 - **Recurrence:** Select the frequency of the event.
 - **Alert:** Sets the alarm for the event. Select from Tone, Vibrate, or Light Only. If Tone is selected, Gutta Tone will be the default alert tone. You can choose another tone by highlighting the Gutta Tone field and pressing the  Navigation key right or left. Choose an optional tone from the list.

- **Reminder:** Set a reminder before the event. Select: Off, Once, Every 2 Minutes, Every 15 Minutes.
 - **Alert Time:** Set the Alert Time to sound before the event takes place. Select: On Time, 5 Min. Before, 10 Min Before, 15 Min. Before, 30 Min. Before, 1 Hour Before, 3 Hours Before, 5 Hours Before or 1 Day Before.
7. Fill in and select event details by pressing the  Navigation key in any direction and using the alphanumeric keypad.
 8. Press . The event is saved.

View an event

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools**.
3. **Calendar** is highlighted, press .
4. A calendar appears in the display with the current date highlighted.
5. Press the  Navigation key in any direction to highlight the date containing the event that you wish to view or press the right soft key  **Options**.











6. In the pop-up menu that appears in the display, press the  Navigation key up or down to highlight **Go To Date**, then press .
7. Enter the desired date in the box, then press . The month that you entered appears in the display with the event date highlighted.
8. Press the left soft key  **View** to view event details for the date.
9. To edit the event, press the left soft key  **View**, then press the right soft key  **Options**.
10. Press  **Edit**. Make your changes, then press the left soft key  **Save**.
11. Press the right soft key  **Options**. A pop-up menu appears.
12. To erase the current event, press  **Erase**. “**ERASE THIS EVENT?**” pop-up menu appears.
13. Press the left soft key  **Yes** highlighted or the right soft key  **No** to cancel.
14. Press  to return to the calendar.

Alarm Clock


Your phone has an alarm clock that can be set to go off once, or recur daily at a


specific time. Once set, the alarm clock is easy to change or turn off.

Set An Alarm





1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Alarm Clock**. The Alarm Clock menu displays with the following options: **Alarm 1**, **Alarm 2**, **Alarm 3**.
3. Press the  Navigation key up or down to highlight the alarm that you wish to enable, then press . The Set Alarm (1, 2, or 3 depending on your selection) screen appears in the display.
4. The Alarm field is highlighted. Press the  Navigation key left or right to select **On** or **Off**.
5. Highlight the **Time** field, then enter the time that you wish for the alarm to sound.
6. Press the  Navigation key down once to highlight the am/pm field. Press the  Navigation key left or right to select **am** or **pm**.
7. Press the  Navigation key down once to highlight the **Frequency** field. Press the  Navigation key left or right to set the frequency

(occurrence) of the alarm. Below lists and defines the options for this field.



- **Once:** The alarm sounds only once, at the time specified.
 - **Daily:** The alarm sounds every day at the time specified.
 - **Mon-Fri:** The alarm sounds Monday through Friday at the time specified.
 - **Weekends:** The alarm sounds Saturday through Sunday at the time specified.
8. Press the  Navigation key down once to highlight the **Sound** field. Press the  Navigation key left or right to choose from 3 pre-loaded sounds.

9. When all fields have correct information entered, press  **OK** **SAVE** to save your settings.

Disable an alarm before it sounds

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Alarm Clock**. The Alarm Clock menu displays with the **Alarm 1** highlighted.
3. Highlight the alarm you wish to disable, then press the right soft key  **Set Off**.





Snooze



Note: When an alarm sounds, a menu screen displays that allows you to either turn the alarm off or to have the alarm ring again after 5 minutes. To dismiss the alarm, press the right soft key  **Dismiss** or press the left soft key  **Snooze** for the alarm to ring again after 5 minutes.





Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

Normal





1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Calculator**.
3. Press  **Calculator**. The Calculator opens.
4. Enter the first number in your equation using the keypad. (Numbers can be eight digits maximum.)

Note: Press the  key to enter a decimal point. Press  to change the sign for a number to a negative.

5. Press  to clear one entry at a time or press the right soft key  **Clear** to clear all data entered.
6. Use the  Navigation key to set the type of calculation you wish to perform. Your choices are as follows:
 - **Up key:** $[+]$ Addition
 - **Down key:** $[-]$ Subtraction
 - **Right key:** $[x]$ Multiplication
 - **Left key:** $[\div]$ Division
7. Use the keypad to enter the second number into your equation.
8. Press  (**=**) to perform the calculation and view the result.

Tip

Calculates the tip and determines how much each person should pay.

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Calculator**.
3. Press  **Tip Calculator**. The Tip Calculator opens.
4. Populate the following fields:
 - **Bill:** enter the amount of the bill.
 - **Tip:** enter the tip percentage.
 - **# Paying:** enter the amount of people paying.







Note: Press the  key to enter a decimal point.



5. In the area below, the calculator will automatically display the Tip, total bill including the tip, and the share of the bill for each person.


Converter

The **Converter** menu provides the following conversion categories:

- Temperature
- Length
- Weight
- Area
- Volume
- Currency


1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Calculator**.
3. Press  **Converter**. The Converter opens.
4. Scroll to the conversion feature you wish to use and press .
5. Press the  Navigation key left or right to select the **From** units of money or measure for the quantity you want converted.
6. Enter the quantity you want converted in the text box.

Note: Press the  key to enter a decimal point. Press  to change the sign for a number to a negative.



Press the  Navigation key left or right to select the **To** units of money or measure for the quantity you want converted.

World Clock







World Clock allows you to view the time of day or night in any part of the world.



1. From the home screen, press the left soft key  **Menu**.

2. Press  **Tools** then press  **World Clock**. The world clock display appears.
3. Use the left soft key  **Cities** to display the 45 supported cities. Select a city and press  to view your entry.
4. Press the right soft key  **Options** to view these options:
 - **Set As Local Time:** Sets the reference time zone according to the city chosen in the Cities field.
 - **DST On/Off:** Sets the Daylight Savings time option.




5. You can scroll through other cities by pressing the  Navigation keys left or right. To return to the home screen, press .

Stop Watch

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Stop Watch**. The stop watch display appears.
3. Press the left soft key  **Start** to start the stopwatch.
4. Press the right soft key  **Record** to record split times.
5. Press the left soft key  **Stop** to stop the stopwatch.

6. Press the right soft key  **Reset** to erase recorded times. To return to the home screen, press .

Voice Commands

1. From the home screen, press the left soft key  **Menu**.
2. Press  **Tools** then press  **Voice Commands**. The voice commands display appears with the following options:

- **Choice Lists**
- **Sound**
- **About**

For information on setting Voice Commands, see “*Voice Commands Settings*” on page 36.

Section 10: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information ***Exposure to Radio Frequency (RF)*** ***Signals***

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all

tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 1.14 W/Kg.
- Body-worn: 1.03 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://www.samsung.com/us/consumer/type/type.do?group=mobilephones&type=mobilephones> for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED
MAY LEAD TO SERIOUS PERSONAL INJURY AND
POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE
INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC
SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short

distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the

microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a

level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at

the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from

these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other

studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones.

Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative

Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to

minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and

teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of

Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>

- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/homepage.html>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- National Radiation Protection Board (UK):
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration
<http://www.fda.gov/cellphones>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal,

a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss

increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary

hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.

- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: <http://www.audiology.org>

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain

electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you

have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining

noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

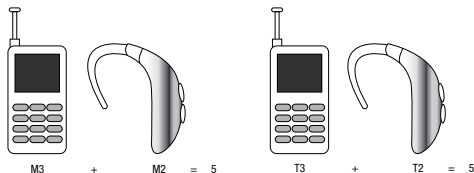
The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is

adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal

powders, and any other area where you would normally be advised to turn off your vehicle engine.


Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.

2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the  key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and

others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries,

antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects,

including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the

power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.

- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/ Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power

consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The

battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment

and a possible risk of fire, explosion, leakage, or other serious hazard.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the

battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 11: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSGTELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will

promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/ LIABILITY? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR

OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE

EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO

PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE

PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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